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OM protein - protein search, using sw model

Run on: March 15, 2004, 13:14:51 ; Search time 31.5929 Seconds

(without alignments)  
795.344 Million cell updates/sec

Title: US-09-756-301B-5

Perfect score: 119

Sequence: 1 EVKLESGLVPGGSKL.....RNYGSTVYWGQTTLTVS 119

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 809742 seqs, 211153259 residues

Word size : 0

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published Applications AA:\*

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- 2: /cgn2\_6/ptodata/1/pubpaa/PCT\_NEW\_PUB.pep.\*
- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*
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- 9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*
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- 13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*
- 14: /cgn2\_6/ptodata/1/pubpaa/US10B\_PUBCOMB.pep.\*
- 15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*
- 16: /cgn2\_6/ptodata/1/pubpaa/US10\_NEW\_PUB.pep.\*
- 17: /cgn2\_6/ptodata/1/pubpaa/US60\_NEW\_PUB.pep.\*
- 18: /cgn2\_6/ptodata/1/pubpaa/US60\_PUBCOMB.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	119	100.0	119	9	US-09-756-301A-5
2	119	100.0	119	9	US-09-927-703-5
3	119	100.0	119	9	US-09-766-535A-5
4	119	100.0	119	9	US-09-756-161A-5
5	119	100.0	119	10	US-09-897-724-5
6	119	100.0	119	13	US-10-010-229-5
7	119	100.0	119	13	US-10-043-450-5
8	119	100.0	119	13	US-10-044-534-5
9	119	100.0	119	14	US-10-043-432-5
10	119	100.0	119	14	US-10-208-145-5
11	119	100.0	119	14	US-10-198-845-5
12	119	100.0	119	14	US-10-227-488-5
13	119	100.0	119	14	US-10-187-121-5
14	119	100.0	119	14	US-10-176-460-5
15	119	100.0	119	14	US-10-186-559-5

16	119	100.0	119	14	US-10-371-961-5
17	119	100.0	119	14	US-10-200-795-5
18	119	100.0	119	14	US-10-319-011-5
19	119	100.0	119	14	US-10-371-443-5
20	119	100.0	119	14	US-10-379-866-5
21	27	22.7	30	10	US-09-563-222-182
22	27	22.7	100	9	US-09-840-459-36
23	27	22.7	116	14	US-10-160-506-47
24	27	22.7	123	14	US-10-160-506-69
25	27	22.7	123	14	US-10-160-506-70
26	25	21.0	82	14	US-10-160-506-35
27	22	18.5	30	11	US-09-791-551-69
28	22	18.5	123	11	US-09-791-551-115
29	22	18.5	134	10	US-09-947-839-13
30	21	17.6	116	14	US-10-160-506-49
31	21	17.6	119	15	US-10-371-797-15
32	20	16.8	114	14	US-10-422-049-11
33	19	16.0	25	14	US-10-160-506-37
34	19	16.0	82	14	US-10-160-506-54
35	19	16.0	114	14	US-10-422-049-12
36	19	16.0	116	14	US-10-160-506-59
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38	19	16.0	116	14	US-10-160-506-61
39	19	16.0	133	14	US-10-160-506-54
40	19	16.0	480	14	US-10-196-793A-59
41	19	16.0	507	14	US-10-074-596-11
42	18	15.1	117	14	US-10-277-471A-7
43	18	15.1	262	14	US-10-277-471A-5
44	18	15.1	285	9	US-09-883-758-4
45	17	14.3	151	9	US-09-564-329A-15

ALIGNMENTS

RESULT 1

US-09-756-301A-5  
; Sequence 5, Application US/09756301A  
; Patent No. US2001002749A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junning  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1008-008  
; CURRENT APPLICATION NUMBER: US/09/756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18

1 EVKLEESGGGLVQPGGSKMLSCVASGFIFSNHNMWVRQSPKGLEWVAEIRSKSINSAT 60  
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61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYGSTDYWGQGTTLTVS 119  
61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYGSTDYWGQGTTLTVS 119

RESULT 3  
US-09-766-535A-5  
; Sequence 5, Application US/09766535A  
; Patent No. US20020106372A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-010  
; CURRENT APPLICATION NUMBER: US/09766,535A  
; CURRENT FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-09-766-535A-5

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Best Local Similarity 100.0%; Pred. No. 1.2e-104;  
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US-09-756-161A-5  
; Sequence 5, Application US/09756161A  
; Patent No. US20020132307A1  
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1 EVKLEESGGGLVQPGGSKMLSCVASGFIFSNHNMWVRQSPKGLEWVAEIRSKSINSAT 60  
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US-09-927-703-5  
; Sequence 5, Application US/09927703  
; Patent No. US2002022720A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-013  
; CURRENT APPLICATION NUMBER: US/09927,703  
; CURRENT FILING DATE: 2001-08-10  
; PRIOR APPLICATION NUMBER: U.S. 09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-09-927-703-5

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Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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61 HYAESVKGRTISRDDSKSAVYLQMTDLRTEDTGYYCSRNYGSTDYWGQGTTLTVS 119  
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; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-007
; CURRENT FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
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; PRIOR FILING DATE: 1994-02-04
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; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
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; PRIOR FILING DATE: 1992-09-11
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; ORGANISM: Mus Balb/c
US-09-756-161A-5
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; Publication No. US20030175837A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-012
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; NUMBER OF SEQ ID NOS: 19
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; SEQ ID NO 5
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; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-161A-5
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QY   61 HYAESVKGRFTISRDDSKSAVLQMQLDRLTEDTGVYCNSRNYGSTVDYGQGTTLTVS 119
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US-09-756-161A-5
; Sequence 5, Application US/09897724
; Publication No. US20030175837A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-012
; CURRENT FILING DATE: 2001-07-02
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
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; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-161A-5
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Db    1 EVKLESGGGLVPGGSMLSCVASGFIFSNHNMWVRQPPEKGLEWVAIRKSINSAT 60
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QY   61 HYAESVKGRFTISRDDSKSAVLQMQLDRLTEDTGVYCNSRNYGSTVDYGQGTTLTVS 119
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Db    61 HYAESVKGRFTISRDDSKSAVLQMQLDRLTEDTGVYCNSRNYGSTVDYGQGTTLTVS 119
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RESULT 7
US-10-043-450-5
; Sequence 5, Application US/10043450
; Publication No. US20020141996A1
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; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
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; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-043-432-5

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Best Local Similarity 100.0%; Pred. No. 1.2e-104;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFIHSNHNWVWVQSPKGLEWVAEIRKSKINSAT 60
Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIHSNHNWVWVQSPKGLEWVAEIRKSKINSAT 60

QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQTTLTVS 119
Db 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQTTLTVS 119

RESULT 10
US-10-208-145-5
; Sequence 5, Application US/10208145
; Publication No. US20030133935A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/208,145
; CURRENT FILING DATE: 2002-07-29
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/133,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-198-845-5

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Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 EVKLEESGGGLVQPGGSKLSCVASGFIHSNHNWVWVQSPKGLEWVAEIRKSKINSAT 60

QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQTTLTVS 119
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US-10-198-845-5
; Sequence 5, Application US/10198845
; Publication No. US20030144484A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junning
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/198,845
; CURRENT FILING DATE: 2002-07-18
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,413
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-198-845-5

Query Match      100.0%; Score 119; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-104;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Db 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Qy 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119  
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119

RESULT 12

US-10-227-488-5  
; Sequence 5, Application US/10227488  
; Publication No. US20030147891A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-025  
; CURRENT APPLICATION NUMBER: US/10/227,488  
; PRIOR FILING DATE: 2002-08-23  
; PRIOR APPLICATION NUMBER: U.S. 09/766,535  
; PRIOR FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus Balb/c

US-10-227-488-5  
Query Match 100.0%; Score 119; DB 14; Length 119;  
Best Local Similarity 100.0%; Pred. No. 1.2e-104;  
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Db 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Qy 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119  
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119  
RESULT 13  
US-10-187-121-5  
; Sequence 5, Application US/10187121

US-10-176-460-5  
; Sequence 5, Application US/10176460  
; Publication No. US20030176676A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/176,460

RESULT 14

US-10-176-460-5  
; Sequence 5, Application US/10176460  
; Publication No. US20030176676A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/176,460

Publication No. US20030175275A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/187,121  
; CURRENT FILING DATE: 2002-06-28  
; PRIOR APPLICATION NUMBER: US 09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 5  
; LENGTH: 119  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-10-187-121-5  
Query Match 100.0%; Score 119; DB 14; Length 119;  
Best Local Similarity 100.0%; Pred. No. 1.2e-104;  
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Db 1 EVKLEESGGGLVOPGGSMKLCVAGSFIHSNHNWVWVRSPEKGLWVAEIRSKINSAT 60  
Qy 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119  
Db 61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTYS 119

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; CURRENT FILING DATE: 2002-06-20
; PRIOR APPLICATION NUMBER: US/09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-176-460-5

Query Match      100.0%; Score 119; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-104; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAEIRSKINSAT 60
Db      1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAEIRSKINSAT 60

QY      61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119
Db      61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 15
US-10-186-559-5
; Sequence 5, Application US/10186559
; Publication No. US20030180299A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; FILE REFERENCE: 0975.1005-006
; CURRENT APPLICATION NUMBER: US/10/186,559
; CURRENT FILING DATE: 2002-06-28
; PRIOR APPLICATION NUMBER: US 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
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; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; PRIOR FILING DATE: 1991-03-18
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: Fast-SEQ for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Mus Balb/c
; US-10-186-559-5

Query Match      100.0%; Score 119; DB 14; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-104; Indels 0; Gaps 0;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAEIRSKINSAT 60
Db      1 EVKLEESGGGLVQPGGSKLSCVASGFIFSNHNMWVROSPEKGLEWVAEIRSKINSAT 60

QY      61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119
Db      61 HYAESVKGRFTISRDDSKSAVYLQMTDLRTEDTGVYCSRNYYGSTDYWGQGTTLTVS 119

Search completed: March 15, 2004, 13:24:14
Job time : 32.5929 secs
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; REFERENCE/DOCKET NUMBER: NYU93-01M3
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-102-5

Query Match      100.0%; Score 119; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-105;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EVKLESGGGLVQPGGSKMLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKSINSAT 60
DB      1 EVKLESGGGLVQPGGSKMLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKSINSAT 60

QY      61 HYAESVKGRTISRDRDSKSAVILQMTDLRTDGVVYCSRNYYGSTDYWGQGTTLTVS 119
DB      61 HYAESVKGRTISRDRDSKSAVILQMTDLRTDGVVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 2
US-08-324-799-5
; Sequence 5, Application US/08324799
; Patent No. 5698195
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; FILING DATE: 18-OCT-1994
; APPLICATION NUMBER: US/08/324,799
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:

; REFERENCE/DOCKET NUMBER: NYU93-01M4
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-324-799-5

Query Match      100.0%; Score 119; DB 1; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-105;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 EVKLESGGGLVQPGGSKMLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKSINSAT 60
DB      1 EVKLESGGGLVQPGGSKMLSCVASGFIFSNHNNWVRQSPKGLWVAEIRSKSINSAT 60

QY      61 HYAESVKGRTISRDRDSKSAVILQMTDLRTDGVVYCSRNYYGSTDYWGQGTTLTVS 119
DB      61 HYAESVKGRTISRDRDSKSAVILQMTDLRTDGVVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 3
US-08-192-861A-5
; Sequence 5, Application US/08192861A
; Patent No. 5919452
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Grayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
; TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: Patentin Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/08/192,861A
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
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; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-861A-5

Query Match 100.0%; Score 119; DB 2; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-105;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
DB 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119
DB 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 4
US-09-133-119-5
; Sequence 5, Application US/09133119
; Patent No. 6277969
; GENERAL INFORMATION:
; APPLICANT: Le, Jumming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/133,119
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
;
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-08-192-861A-5

Query Match 100.0%; Score 119; DB 2; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-105;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
DB 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119
DB 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 5
US-08-192-093A-5
; Sequence 5, Application US/08192093A
; Patent No. 6284471
; GENERAL INFORMATION:
; APPLICANT: Le, Jumming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
;
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-133-119-5

Query Match 100.0%; Score 119; DB 3; Length 119;
Best Local Similarity 100.0%; Pred. No. 1.2e-105;
Matches 119; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
DB 1 EVKLEESGGGLVQPGGSKLSCVASGFI FSNHMMNVRQSPKGLWVAEIRSKINSAT 60
QY 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119
DB 61 HYAESVKGRTISRDDSKSAVYLQMTDLRTDTGVYCSRNYYGSTDYWGQGTTLTVS 119

RESULT 5
US-08-192-093A-5
; Sequence 5, Application US/08192093A
; Patent No. 6284471
; GENERAL INFORMATION:
; APPLICANT: Le, Jumming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; OPERATING SYSTEM: IBM PC compatible
; SOFTWARE: Patent In Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
;
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 5:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 119 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
US-09-133-119-5
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APPLICATION NUMBER: US/08/192,093A  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/013,413  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/010,406  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/943,852  
FILING DATE: 11-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/853,606  
FILING DATE: 18-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/670,827  
FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: BROOK, David E.  
REGISTRATION NUMBER: 22,592  
REFERENCE/DOCKET NUMBER: NYU93-01M3  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (617) 861-6240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 119 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-192-093A-5

Query Match 100.0%; Score 119; DB 3; Length 119;  
Best Local Similarity 100.0%; Pred. No. 1.2e-105; Indels 0; Gaps 0;  
Matches 119; Conservative 0; Mismatches 0;

Qy 1 EVKLEESGGGLVQPGSKMLSCVASFIFSNHMMWVVRQSPKGLWVAIRSKSINSAT 60  
Db 1 EVKLEESGGGLVQPGSKMLSCVASFIFSNHMMWVVRQSPKGLWVAIRSKSINSAT 60

Qy 61 HYAESVKGRTISRDSKSAVYLQMTDLRTDGTGYCSRNYYGSTDYVWGQGTTLTVS 119  
Db 61 HYAESVKGRTISRDSKSAVYLQMTDLRTDGTGYCSRNYYGSTDYVWGQGTTLTVS 119

RESULT 6  
US-08-483-749A-10  
Sequence 10, Application US/08483749A  
Patent No. 6054561  
GENERAL INFORMATION:  
APPLICANT: RING, DAVID B.  
TITLE OF INVENTION: ANTIGEN-BINDING SITES OF ANTIBODY  
TITLE OF INVENTION: MOLECULES SPECIFIC FOR CANCER ANTIGENS  
NUMBER OF SEQUENCES: 33  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: CHIRON CORPORATION  
STREET: INTELLECTUAL PROPERTY - R440, PO BOX 8097  
CITY: EMERYVILLE  
STATE: CA  
COUNTRY: USA  
ZIP: 94662-8097  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/483,749A  
FILING DATE: 07-JUN-1995  
CLASSIFICATION: 536  
ATTORNEY/AGENT INFORMATION:  
NAME: SAVEREIDE, PAUL B.  
REGISTRATION NUMBER: 36,914

REFERENCE/DOCKET NUMBER: 0508.008  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 601-2585  
TELEFAX: (510) 655-3542  
INFORMATION FOR SEQ ID NO: 10:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 114 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-483-749A-10

Query Match 22.7%; Score 27; DB 3; Length 114;  
Best Local Similarity 100.0%; Pred. No. 2.5e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGGLVQPGSKMLSCVASF 27  
Db 1 EVKLEESGGGLVQPGSKMLSCVASF 27

RESULT 7  
US-08-767-128-26  
Sequence 26, Application US/08767128  
Patent No. 6111079  
GENERAL INFORMATION:  
APPLICANT: WYLIE, DWANE E.  
APPLICANT: LOPEZ, OSVALDO  
APPLICANT: MURRAY, PETER JOSEPH  
APPLICANT: GOEBEL, PETER  
TITLE OF INVENTION: LEAD BINDING POLYPEPTIDES AND  
TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE  
NUMBER OF SEQUENCES: 46  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt  
STREET: 3100 No. 6111079west Center, 90 South Seventh St  
CITY: Minneapolis  
STATE: MN  
COUNTRY: USA  
ZIP: 55402  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Diskette  
COMPUTER: IBM Compatible  
OPERATING SYSTEM: DOS  
SOFTWARE: FastSeq Version 1.5  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/767,128  
FILING DATE:  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER:  
FILING DATE: 04-DEC-1996  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: PCT/US96/09258  
FILING DATE: 05-JUN-1996  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/541,373  
FILING DATE: 10-OCT-1995  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/462,798  
FILING DATE: 05-JUN-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Carter, Charles G.  
REGISTRATION NUMBER: 35,093  
REFERENCE/DOCKET NUMBER: 8648.49USF1  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 612/371-5278  
TELEFAX: 612/332-9081  
TELEX:  
INFORMATION FOR SEQ ID NO: 26:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 119 amino acids

;; TYPE: amino acid  
;; STRANDEDNESS: single  
;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE: internal  
;; ORIGINAL SOURCE:  
US-08-767-128-26

Query Match 22.7%; Score 27; DB 3; Length 119;  
Best Local Similarity 100.0%; Pred. No. 2.6e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGGLVQPGGSMKLSGVASGF 27  
Db 1 EVKLEESGGGLVQPGGSMKLSGVASGF 27

## RESULT 8

US-08-767-128-28  
; Sequence 28, Application US/08767128  
; Patent No. 6111079

;; GENERAL INFORMATION:  
;; APPLICANT: WYLLIE, DWANE E.  
;; APPLICANT: LOPEZ, OSVALDO  
;; APPLICANT: MURRAY, PETER JOSEPH  
;; APPLICANT: GOEBEL, PETER  
;; TITLE OF INVENTION: LEAD BINDING POLYPEPTIDES AND  
;; TITLE OF INVENTION: NUCLEOTIDES CODING THEREFORE  
;; NUMBER OF SEQUENCES: 46  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Merchant, Gould, Smith, Edell, Welter & Schmidt  
;; STREET: 3100 No. 6111079west Center, 90 South Seventh St  
;; CITY: Minneapolis  
;; STATE: MN  
;; COUNTRY: USA  
;; ZIP: 55402

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Diskette  
;; COMPUTER: IBM Compatible  
;; OPERATING SYSTEM: DOS  
;; SOFTWARE: FastSeq Version 1.5  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/767,128  
;; FILING DATE:

;; CLASSIFICATION: 424  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER:  
;; FILING DATE: 04-DEC-1996  
;; CLASSIFICATION: 424  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: PCT/US96/09258  
;; FILING DATE: 05-JUN-1996  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/541,373  
;; FILING DATE: 10-OCT-1995  
;; PRIOR APPLICATION DATA:  
;; APPLICATION NUMBER: 08/462,798  
;; FILING DATE: 05-JUN-1995

;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Carter, Charles G.  
;; REGISTRATION NUMBER: 35,093  
;; REFERENCE/DOCKET NUMBER: 8648.49USF1  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 612/371-5278  
;; TELEFAX: 612/332-9081  
;; TELEX:

;; INFORMATION FOR SEQ ID NO: 28:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 120 amino acids  
;; TYPE: amino acid  
;; STRANDEDNESS: single

;; TOPOLOGY: linear  
;; MOLECULE TYPE: protein  
;; HYPOTHETICAL: NO  
;; ANTI-SENSE: NO  
;; FRAGMENT TYPE: internal  
;; ORIGINAL SOURCE:  
US-08-767-128-28

Query Match 19.3%; Score 23; DB 3; Length 120;  
Best Local Similarity 100.0%; Pred. No. 1.6e-14;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 5 BESGGGLVQPGGSMKLSGVASGF 27  
Db 5 BESGGGLVQPGGSMKLSGVASGF 27

## RESULT 9

US-08-221-580-3  
; Sequence 3, Application US/08221580  
; Patent No. 5519000

;; GENERAL INFORMATION:  
;; APPLICANT: Heavner, George A.  
;; APPLICANT: Kruszynski, Marian  
;; APPLICANT: Mervic, Miljenko  
;; APPLICANT: Weber, Robert W.  
;; TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors  
;; NUMBER OF SEQUENCES: 9  
;; CORRESPONDENCE ADDRESS:  
;; ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5519000ris  
;; STREET: One Liberty Place 46th Floor  
;; CITY: Philadelphia  
;; STATE: Pennsylvania  
;; COUNTRY: United States of America  
;; ZIP: 19103

;; COMPUTER READABLE FORM:  
;; MEDIUM TYPE: Floppy disk  
;; COMPUTER: IBM PC compatible  
;; OPERATING SYSTEM: PC-DOS/MS-DOS  
;; SOFTWARE: PatentIn Release #1.0, Version #1.25  
;; CURRENT APPLICATION DATA:  
;; APPLICATION NUMBER: US/08/221,580  
;; FILING DATE:

;; CLASSIFICATION: 435  
;; ATTORNEY/AGENT INFORMATION:  
;; NAME: Deluca, Mark  
;; REGISTRATION NUMBER: 33,229  
;; REFERENCE/DOCKET NUMBER: CCOR-0140  
;; TELECOMMUNICATION INFORMATION:  
;; TELEPHONE: 215-568-3100  
;; TELEFAX: 215-568-3439

;; INFORMATION FOR SEQ ID NO: 3:  
;; SEQUENCE CHARACTERISTICS:  
;; LENGTH: 22 amino acids  
;; TYPE: amino acid  
;; TOPOLOGY: both  
;; MOLECULE TYPE: peptide  
US-08-221-580-3

Query Match 18.5%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.3e-14;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 62 YAESVKGRTTISRDDSKSAVYL 83  
Db 1 YAESVKGRTTISRDDSKSAVYL 22

## RESULT 10

US-08-221-580-5  
; Sequence 5, Application US/08221580  
; Patent No. 5519000

;; GENERAL INFORMATION:

APPLICANT: Heavner, George A.  
APPLICANT: Kruszynski, Marian  
APPLICANT: Mervic, Miljenko  
APPLICANT: Weber, Robert W.  
TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors  
NUMBER OF SEQUENCES: 9  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5519000ris  
STREET: One Liberty Place 46th Floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: United States of America  
ZIP: 19103  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/221,580  
FILING DATE:  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: CCOR-0140  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 215-568-3100  
TELEFAX: 215-568-3439  
INFORMATION FOR SEQ ID NO: 5:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 amino acids  
TYPE: amino acid  
TOPOLOGY: both  
MOLECULE TYPE: peptide  
US-08-221-580-5

Query Match 18.5%; Score 22; DB 1; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.3e-14;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 86 TDLRTEDTGVYCSRNYYGTY 107  
Db 1 TDLRTEDTGVYCSRNYYGTY 22

RESULT 11  
PCT-US95-04018-65  
Sequence 65, Application PC/TUS9504018  
GENERAL INFORMATION:  
APPLICANT: Heavner, George A.  
APPLICANT: Kruszynski, Marian  
APPLICANT: Mervic, Miljenko  
APPLICANT: Weber, Robert W.  
TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: Norris  
STREET: One Liberty Place 46th Floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19403  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04018  
FILING DATE:  
CLASSIFICATION:

PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,580  
FILING DATE: 01-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,583  
FILING DATE: 01-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,581  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: CCOR-0232  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 65:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 amino acids  
TYPE: amino acid  
TOPOLOGY: both  
MOLECULE TYPE: peptide  
PCT-US95-04018-65

Query Match 18.5%; Score 22; DB 5; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.3e-14;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 62 YAESVKGRTISRDDSKSAVYL 83  
Db 1 YAESVKGRTISRDDSKSAVYL 22

RESULT 12  
PCT-US95-04018-67  
Sequence 67, Application PC/TUS9504018  
GENERAL INFORMATION:  
APPLICANT: Heavner, George A.  
APPLICANT: Kruszynski, Marian  
APPLICANT: Mervic, Miljenko  
APPLICANT: Weber, Robert W.  
TITLE OF INVENTION: Tumor Necrosis Factor Inhibitors  
NUMBER OF SEQUENCES: 76  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz &  
ADDRESSEE: Norris  
STREET: One Liberty Place 46th Floor  
CITY: Philadelphia  
STATE: Pennsylvania  
COUNTRY: USA  
ZIP: 19403  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: WordPerfect 5.1  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: PCT/US95/04018  
FILING DATE:  
CLASSIFICATION:  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,580  
FILING DATE: 01-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,583  
FILING DATE: 01-APR-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/221,581  
FILING DATE: 01-APR-1994  
ATTORNEY/AGENT INFORMATION:  
NAME: Deluca, Mark  
REGISTRATION NUMBER: 33,229  
REFERENCE/DOCKET NUMBER: CCOR-0232

TELECOMMUNICATION INFORMATION:  
TELEPHONE: (215) 568-3100  
TELEFAX: (215) 568-3439  
INFORMATION FOR SEQ ID NO: 67:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 22 amino acids  
TYPE: amino acid  
TOPOLOGY: both  
MOLECULE TYPE: peptide  
PCT-US95-04018-67

Query Match 18.5%; Score 22; DB 5; Length 22;  
Best Local Similarity 100.0%; Pred. No. 3.3e-14;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 86 TDLRTDTGVYCSRNYGSTRY 107  
Db 1 TDLRTDTGVYCSRNYGSTRY 22

RESULT 13  
US-07-977-696C-13  
Sequence 13, Application US/07977696C  
Patent No. 5792852  
GENERAL INFORMATION:  
APPLICANT: do Couto, Fernando J.R.  
APPLICANT: Ceriani Dr., Roberto L.  
APPLICANT: Peterson Dr., Jerry A.  
APPLICANT: Padlan Dr., Eduardo A.  
TITLE OF INVENTION: Analogue Peptides with Specificity  
TITLE OF INVENTION: for Carcinomas and Kit and Diagnostic Vaccination  
TITLE OF INVENTION: and Therapeutic Methods.  
NUMBER OF SEQUENCES: 81  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: PRETTY, SCHROEDER & POPLAWSKI  
STREET: 444 South Flower Street, Suite 2000  
CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/07/977,696C  
FILING DATE: 11-16-92  
CLASSIFICATION: 435  
ATTORNEY/AGENT INFORMATION:  
NAME: Anzel Ph.D., Viviana  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: P66 38227  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 748-6868  
TELEFAX: (510) 748-6688  
TELEX: n.a.  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 134 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide

Query Match 18.5%; Score 22; DB 1; Length 134;  
Best Local Similarity 100.0%; Pred. No. 1.6e-13;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 EVKLEESGGGLVQPGGSMKLSK 22  
Db 20 EVKLEESGGGLVQPGGSMKLSK 41

US-07-977-696C-13  
Sequence 13, Application US/07977696C  
Patent No. 5792852  
GENERAL INFORMATION:  
APPLICANT: do Couto, Fernando J.R.  
APPLICANT: Ceriani Dr., Roberto L.  
APPLICANT: Peterson Dr., Jerry A.  
APPLICANT: Padlan Dr., Eduardo A.  
TITLE OF INVENTION: Analogue Peptides with Broad  
TITLE OF INVENTION: Diagnostic Specificity, and Kit and  
TITLE OF INVENTION: Therapeutic Methods  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pretty, Schroeder & Poplawski  
STREET: 444 South Flower St., 19th Floor

RESULT 14  
US-08-129-930B-13  
Sequence 13, Application US/08129930B  
Patent No. 5804187  
GENERAL INFORMATION:  
APPLICANT: do Couto Dr., Fernando J.R.  
APPLICANT: Ceriani Dr., Roberto L.  
APPLICANT: Peterson Dr., Jerry A.  
APPLICANT: Padlan Dr., Eduardo A.  
TITLE OF INVENTION: Analogue Peptides With Broad  
TITLE OF INVENTION: Carcinoma Specificity, and Kit and  
TITLE OF INVENTION: Diagnostic Vaccination and  
TITLE OF INVENTION: Therapeutic Methods  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: V. AMZEL & ASSOC.  
STREET: 2055 No. 5804187th Broadway, Suite 201  
CITY: Walnut Creek  
STATE: California  
COUNTRY: USA  
ZIP: 94596

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0  
SOFTWARE: PatentIn Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/129,930B  
FILING DATE: September 30, 1993  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:  
NAME: Anzel Ph.D., Viviana  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: CRFC-008A  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (510) 521-1333  
TELEFAX: (510) 521-3541  
TELEX: n.a.  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 134 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-129-930B-13

Query Match 18.5%; Score 22; DB 1; Length 134;  
Best Local Similarity 100.0%; Pred. No. 1.6e-13;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 EVKLEESGGGLVQPGGSMKLSK 22  
Db 20 EVKLEESGGGLVQPGGSMKLSK 41

RESULT 15  
US-08-976-288A-13  
Sequence 13, Application US/08976288A  
Patent No. 6315997  
GENERAL INFORMATION:  
APPLICANT: do Couto Dr., Fernando J.R.  
APPLICANT: Ceriani Dr., Roberto L.  
APPLICANT: Peterson Dr., Jerry A.  
APPLICANT: Padlan Dr., Eduardo A.  
TITLE OF INVENTION: Analogue Peptides With Broad  
TITLE OF INVENTION: Carcinoma Specificity, and Kit and  
TITLE OF INVENTION: Diagnostic Vaccination and  
TITLE OF INVENTION: Therapeutic Methods  
NUMBER OF SEQUENCES: 96  
CORRESPONDENCE ADDRESSES:  
ADDRESSEE: Pretty, Schroeder & Poplawski  
STREET: 444 South Flower St., 19th Floor

CITY: Los Angeles  
STATE: California  
COUNTRY: USA  
ZIP: 90071  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS 5.0  
SOFTWARE: Patent in Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/976,288A  
FILING DATE: No. 6315997ember 21, 1997  
CLASSIFICATION: 424  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/129,930  
FILING DATE: September 30, 1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 07/977,696  
FILING DATE: No. 6315997ember 16, 1992  
ATTORNEY/AGENT INFORMATION:  
NAME: Viviana Amzel Ph.D.  
REGISTRATION NUMBER: 30,930  
REFERENCE/DOCKET NUMBER: P6639938  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (213) 622-7700  
TELEFAX: (213) 489-4210  
TELEX: n.a.  
INFORMATION FOR SEQ ID NO: 13:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 134 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: peptide  
US-08-976-288A-13

Query Match 18.5%; Score 22; DB 4; Length 134;  
Best Local Similarity 100.0%; Pred. No. 1.6e-13;  
Matches 22; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 EVKLEESGGGLVPGGSMKLSK 22  
Db 20 EVKLEESGGGLVPGGSMKLSK 41

Search completed: March 15, 2004, 13:16:25  
Job time : 16.8496 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: March 15, 2004, 13:14:51 ; Search time 28.4071 Seconds  
(without alignments)  
795.344 Million cell updates/sec

Title: US-09-756-301B-3  
Perfect score: 107  
Sequence: 1 DILLTQSPAILSVSPGRVS.....CQSHSWPFTGSGTNLEVK 107

Scoring table: OLIGO  
Gapop 60.0 , Gapext 60.0

Searched: 809742 seqs, 211153259 residues

Word size : 0

Total number of hits satisfying chosen parameters: 809742

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Published Applications AA:

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- 3: /cgn2\_6/ptodata/1/pubpaa/US06\_NEW\_PUB.pep.\*
- 4: /cgn2\_6/ptodata/1/pubpaa/US06\_PUBCOMB.pep.\*
- 5: /cgn2\_6/ptodata/1/pubpaa/US07\_NEW\_PUB.pep.\*
- 6: /cgn2\_6/ptodata/1/pubpaa/PCTUS\_PUBCOMB.pep.\*
- 7: /cgn2\_6/ptodata/1/pubpaa/US08\_NEW\_PUB.pep.\*
- 8: /cgn2\_6/ptodata/1/pubpaa/US08\_PUBCOMB.pep.\*
- 9: /cgn2\_6/ptodata/1/pubpaa/US09A\_PUBCOMB.pep.\*
- 10: /cgn2\_6/ptodata/1/pubpaa/US09B\_PUBCOMB.pep.\*
- 11: /cgn2\_6/ptodata/1/pubpaa/US09C\_PUBCOMB.pep.\*
- 12: /cgn2\_6/ptodata/1/pubpaa/US09\_NEW\_PUB.pep.\*
- 13: /cgn2\_6/ptodata/1/pubpaa/US10A\_PUBCOMB.pep.\*
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- 15: /cgn2\_6/ptodata/1/pubpaa/US10C\_PUBCOMB.pep.\*
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	107	100.0	107	9	US-09-756-301A-3
2	107	100.0	107	9	US-09-927-703-3
3	107	100.0	107	9	US-09-766-535A-3
4	107	100.0	107	9	US-09-756-161A-3
5	107	100.0	107	9	US-09-897-724-3
6	107	100.0	107	13	US-10-010-229-3
7	107	100.0	107	13	US-10-043-450-3
8	107	100.0	107	13	US-10-044-534-3
9	107	100.0	107	14	US-10-043-432-3
10	107	100.0	107	14	US-10-208-145-3
11	107	100.0	107	14	US-10-198-845-3
12	107	100.0	107	14	US-10-227-488-3
13	107	100.0	107	14	US-10-187-121-3
14	107	100.0	107	14	US-10-176-460-3
15	107	100.0	107	14	US-10-186-559-3

16	107	100.0	107	14	US-10-371-961-3
17	107	100.0	107	14	US-10-200-795-3
18	107	100.0	107	14	US-10-319-011-3
19	107	100.0	107	14	US-10-371-443-3
20	107	100.0	107	14	US-10-379-866-3
21	27	25.2	107	12	US-09-842-776A-58
22	27	25.2	108	15	US-10-412-703A-129
23	27	25.2	244	9	US-09-940-391-1
24	25	23.4	106	15	US-10-308-817-27
25	25	23.4	107	15	US-10-308-817-129
26	25	23.4	107	15	US-10-308-817-130
27	22	20.6	113	15	US-10-374-531-20
28	22	20.6	127	15	US-10-374-531-5
29	22	20.6	127	15	US-10-374-531-11
30	22	20.6	127	15	US-10-374-531-15
31	21	19.6	107	15	US-10-308-817-123
32	21	19.6	107	15	US-10-340-189-1
33	21	19.6	107	15	US-10-325-896-1
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36	21	19.6	109	13	US-10-032-482-6
37	21	19.6	109	14	US-10-078-757B-45
38	21	19.6	128	13	US-10-006-773-6
39	20	18.7	108	14	US-10-156-255-8
40	19	17.8	107	15	US-10-389-155-21
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42	18	16.8	101	14	US-10-010-729-23
43	18	16.8	107	9	US-09-991-470-25
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45	18	16.8	108	11	US-09-795-798-1

ALIGNMENTS

RESULT 1

US-09-756-301A-3  
; Sequence 3, Application US/09756301A  
; Patent No. US20010027249A1  
; GENERAL INFORMATION:  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayed, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-008  
; CURRENT APPLICATION NUMBER: US/09756,301A  
; CURRENT FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18



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; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-756-301A-3

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Best Local Similarity 100.0%; Pred. No. 1.2e-91;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Qy 61 RFSGSGSGTDFTLSTINTVESEDIADYYCQOSHSHWPTFGSGTNLVVK 107
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RESULT 2
US-09-927-703-3
; Sequence 3, Application US/09927703
; Patent No. US2002022720A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-013
; CURRENT APPLICATION NUMBER: US/09/927,703
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: U.S. 09/756,398
; PRIOR FILING DATE: 2001-01-08
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-927-703-3

Query Match      100.0%; Score 107; DB 9; Length 107;
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Qy 61 RFSGSGSGTDFTLSTINTVESEDIADYYCQOSHSHWPTFGSGTNLVVK 107
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RESULT 3
US-09-766-535A-3
; Sequence 3, Application US/09766535A
; Patent No. US20020106372A1
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of
; TITLE OF INVENTION: Human Tumor Necrosis Factor
; FILE REFERENCE: 0975.1005-010
; CURRENT APPLICATION NUMBER: US/09/766,535A
; CURRENT FILING DATE: 2001-01-18
; PRIOR APPLICATION NUMBER: U.S. 09/133,119
; PRIOR FILING DATE: 1998-08-12
; PRIOR APPLICATION NUMBER: U.S. 08/570,674
; PRIOR FILING DATE: 1995-12-11
; PRIOR APPLICATION NUMBER: U.S. 08/324,799
; PRIOR FILING DATE: 1994-10-18
; PRIOR APPLICATION NUMBER: U.S. 08/192,102
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,861
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/192,093
; PRIOR FILING DATE: 1994-02-04
; PRIOR APPLICATION NUMBER: U.S. 08/010,406
; PRIOR FILING DATE: 1993-01-29
; PRIOR APPLICATION NUMBER: U.S. 08/013,413
; PRIOR FILING DATE: 1993-02-02
; PRIOR APPLICATION NUMBER: U.S. 07/943,852
; PRIOR FILING DATE: 1992-09-11
; PRIOR APPLICATION NUMBER: U.S. 07/853,606
; PRIOR FILING DATE: 1992-03-18
; PRIOR APPLICATION NUMBER: U.S. 07/670,827
; NUMBER OF SEQ ID NOS: 19
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 3
; LENGTH: 107
; TYPE: PRT
; ORGANISM: Mus Balb/c
US-09-766-535A-3

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Best Local Similarity 100.0%; Pred. No. 1.2e-91;
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; Sequence 3, Application US/09756161A
; Patent No. US20020132307A1
; GENERAL INFORMATION:
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; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-007  
; CURRENT APPLICATION NUMBER: US/09/756,161A  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0

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US-09-897-724-3

; Sequence 3, Application US/09897724

; Publication No. US20030175837A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-012

; CURRENT APPLICATION NUMBER: US/09/897,724

; PRIOR FILING DATE: 2001-07-02

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; SOFTWARE: FastSeq for Windows Version 4.0

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Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWTQRTNGSPRLLIKVASMSGIPS 60

QY 61 RFSGSGSGTDTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

Db 61 RFSGSGSGTDTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 6

US-10-010-229-3

; Sequence 3, Application US/10010229

; Publication No. US20020114805A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-013

; CURRENT APPLICATION NUMBER: US/10/010,229

; CURRENT FILING DATE: 2001-12-07

; PRIOR APPLICATION NUMBER: US/09/927,703

; PRIOR FILING DATE: 2001-08-10

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

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Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
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Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWTQRTNGSPRLLIKVASMSGIPS 60

QY 61 RFSGSGSGTDTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

Db 61 RFSGSGSGTDTLSINTVESEDIADYYCQSHSWPFTFGSGTNLEVK 107

RESULT 7

US-10-043-450-3

; Sequence 3, Application US/10043450

; Publication No. US20020141996A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-09-897-724-3

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Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWTQRTNGSPRLLIKVASMSGIPS 60

Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWTQRTNGSPRLLIKVASMSGIPS 60

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RESULT 6

US-10-010-229-3

; Sequence 3, Application US/10010229

; Publication No. US20020114805A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-013

; CURRENT APPLICATION NUMBER: US/10/010,229

; CURRENT FILING DATE: 2001-12-07

; PRIOR APPLICATION NUMBER: US/09/927,703

; PRIOR FILING DATE: 2001-08-10

; NUMBER OF SEQ ID NOS: 19

; SOFTWARE: FastSeq for Windows Version 4.0

Query Match 100.0%; Score 107; DB 13; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
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Db 1 DILLTQSPAILSVSPGERVSFSCRASQFVGSSIHWTQRTNGSPRLLIKVASMSGIPS 60

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RESULT 7

US-10-043-450-3

; Sequence 3, Application US/10043450

; Publication No. US20020141996A1

; GENERAL INFORMATION:

; APPLICANT: Le, Junming

; APPLICANT: Vilcek, Jan

; APPLICANT: Daddona, Peter

; APPLICANT: Grayeb, John

; APPLICANT: Knight, David M.

; APPLICANT: Siegel, Scott

; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of

; TITLE OF INVENTION: Human Tumor Necrosis Factor

; FILE REFERENCE: 0975.1005-012

; CURRENT APPLICATION NUMBER: US/09/897,724

; CURRENT FILING DATE: 2001-07-02

; PRIOR APPLICATION NUMBER: U.S. 08/192,093

; PRIOR FILING DATE: 1994-02-04

; PRIOR APPLICATION NUMBER: U.S. 08/010,406

; SOFTWARE: FastSeq for Windows Version 4.0



;; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
;; PRIOR FILING DATE: 1994-10-18  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02  
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; PRIOR FILING DATE: 1992-09-11  
;; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
;; PRIOR FILING DATE: 1992-03-18  
;; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
;; PRIOR FILING DATE: 1991-03-18  
;; NUMBER OF SEQ ID NOS: 19  
;; SOFTWARE: FastSEQ for Windows Version 4.0  
;; SEQ ID NO 3  
;; LENGTH: 107  
;; TYPE: PRT  
;; ORGANISM: Mus Balb/c  
US-10-043-432-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIHWYQQTNGSPRLLIKYASESMGIPS 60  
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DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIHWYQQTNGSPRLLIKYASESMGIPS 60  
|||  
  
QY 61 RFSGSGGTDTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
|||  
DB 61 RFSGSGGTDTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
|||

RESULT 10  
US-10-208-145-3  
;; Sequence 3, Application US/10208145  
;; Publication No. US20030133935A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Le, Junming  
;; APPLICANT: Vilcek, Jan  
;; APPLICANT: Daddona, Peter  
;; APPLICANT: Ghayeb, John  
;; APPLICANT: Knight, David M.  
;; APPLICANT: Siegel, Scott  
;; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
;; FILE REFERENCE: 0975.1005-006  
;; CURRENT APPLICATION NUMBER: US/10/208,145  
;; CURRENT FILING DATE: 2002-07-29  
;; PRIOR APPLICATION NUMBER: US/09/756,398  
;; PRIOR FILING DATE: 2001-01-08  
;; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
;; PRIOR FILING DATE: 1998-08-12  
;; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
;; PRIOR FILING DATE: 1995-12-11  
;; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
;; PRIOR FILING DATE: 1994-10-18  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02

;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; PRIOR FILING DATE: 1992-09-11  
;; PRIOR APPLICATION data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 19  
;; SOFTWARE: FastSEQ for Windows Version 4.0  
;; SEQ ID NO 3  
;; LENGTH: 107  
;; TYPE: PRT  
;; ORGANISM: Mus Balb/c  
US-10-208-145-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIHWYQQTNGSPRLLIKYASESMGIPS 60  
|||  
DB 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSIHWYQQTNGSPRLLIKYASESMGIPS 60  
|||  
  
QY 61 RFSGSGGTDTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
|||  
DB 61 RFSGSGGTDTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
|||

RESULT 11  
US-10-198-845-3  
;; Sequence 3, Application US/10198845  
;; Publication No. US20030144484A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Le, Junming  
;; APPLICANT: Vilcek, Jan  
;; APPLICANT: Daddona, Peter  
;; APPLICANT: Ghayeb, John  
;; APPLICANT: Knight, David M.  
;; APPLICANT: Siegel, Scott  
;; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
;; FILE REFERENCE: 0975.1005-006  
;; CURRENT APPLICATION NUMBER: US/10/198,845  
;; CURRENT FILING DATE: 2002-07-18  
;; PRIOR APPLICATION NUMBER: US/09/756,398  
;; PRIOR FILING DATE: 2001-01-08  
;; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
;; PRIOR FILING DATE: 1998-08-12  
;; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
;; PRIOR FILING DATE: 1995-12-11  
;; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
;; PRIOR FILING DATE: 1994-10-18  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02  
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 19  
;; SOFTWARE: FastSEQ for Windows Version 4.0  
;; SEQ ID NO 3  
;; LENGTH: 107  
;; TYPE: PRT  
;; ORGANISM: Mus Balb/c  
US-10-198-845-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Qy 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 12

US-10-227-488-3  
; Sequence 3, Application US/10227488  
; Publication No. US20030147891A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-025  
; CURRENT APPLICATION NUMBER: US/10/227,488  
; CURRENT FILING DATE: 2002-08-23  
; PRIOR APPLICATION NUMBER: U.S. 09/766,535  
; PRIOR FILING DATE: 2001-01-18  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-10-227-488-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Qy 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 13

US-10-187-121-3  
; Sequence 3, Application US/10187121

; Publication No. US20030175275A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/187,121  
; CURRENT FILING DATE: 2002-06-28  
; PRIOR APPLICATION NUMBER: US 09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
; PRIOR FILING DATE: 1993-01-29  
; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
; PRIOR FILING DATE: 1993-02-02  
; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
; PRIOR FILING DATE: 1992-09-11  
; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
; PRIOR FILING DATE: 1992-03-18  
; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
; PRIOR FILING DATE: 1991-03-18  
; NUMBER OF SEQ ID NOS: 19  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 3  
; LENGTH: 107  
; TYPE: PRT  
; ORGANISM: Mus Balb/c  
US-10-187-121-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERSVFCRASQFVGSIIHWYQORTNGSPRLLIKYASEMSGIPS 60  
Qy 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDFTLINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 14

US-10-176-460-3  
; Sequence 3, Application US/10176460  
; Publication No. US20030176676A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/176,460

;; CURRENT FILING DATE: 2002-06-20  
;; PRIOR APPLICATION NUMBER: US/09/756,398  
;; PRIOR FILING DATE: 2001-01-08  
;; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
;; PRIOR FILING DATE: 1998-08-12  
;; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
;; PRIOR FILING DATE: 1995-12-11  
;; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
;; PRIOR FILING DATE: 1994-10-18  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,861  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02  
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; PRIOR FILING DATE: 1992-09-11  
;; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
;; PRIOR FILING DATE: 1992-03-18  
;; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
;; PRIOR FILING DATE: 1991-03-18  
;; NUMBER OF SEQ ID NOS: 19  
;; SOFTWARE: FastSEQ for Windows Version 4.0  
;; SEQ ID NO 3  
;; LENGTH: 107  
;; TYPE: PRT  
;; ORGANISM: Mus Balb/c  
US-10-176-460-3

Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60  
  
QY 61 RFGSGSGTDTLTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDTLTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 15  
US-10-186-559-3  
; Sequence 3, Application US/10186559  
; Publication No. US20030180299A1  
; GENERAL INFORMATION:  
; APPLICANT: Le, Junming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter  
; APPLICANT: Grayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott  
; TITLE OF INVENTION: Anti-TNF Antibodies and Peptides of  
; TITLE OF INVENTION: Human Tumor Necrosis Factor  
; FILE REFERENCE: 0975.1005-006  
; CURRENT APPLICATION NUMBER: US/10/186,559  
; CURRENT FILING DATE: 2002-06-28  
; PRIOR APPLICATION NUMBER: US 09/756,398  
; PRIOR FILING DATE: 2001-01-08  
; PRIOR APPLICATION NUMBER: U.S. 09/133,119  
; PRIOR FILING DATE: 1998-08-12  
; PRIOR APPLICATION NUMBER: U.S. 08/570,674  
; PRIOR FILING DATE: 1995-12-11  
; PRIOR APPLICATION NUMBER: U.S. 08/324,799  
; PRIOR FILING DATE: 1994-10-18  
; PRIOR APPLICATION NUMBER: U.S. 08/192,102  
; PRIOR FILING DATE: 1994-02-04  
; PRIOR APPLICATION NUMBER: U.S. 08/192,861

;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/192,093  
;; PRIOR FILING DATE: 1994-02-04  
;; PRIOR APPLICATION NUMBER: U.S. 08/010,406  
;; PRIOR FILING DATE: 1993-01-29  
;; PRIOR APPLICATION NUMBER: U.S. 08/013,413  
;; PRIOR FILING DATE: 1993-02-02  
;; PRIOR APPLICATION NUMBER: U.S. 07/943,852  
;; PRIOR FILING DATE: 1992-09-11  
;; PRIOR APPLICATION NUMBER: U.S. 07/853,606  
;; PRIOR FILING DATE: 1992-03-18  
;; PRIOR APPLICATION NUMBER: U.S. 07/670,827  
;; PRIOR FILING DATE: 1991-03-18  
;; NUMBER OF SEQ ID NOS: 19  
;; SOFTWARE: FastSEQ for Windows Version 4.0  
;; SEQ ID NO 3  
;; LENGTH: 107  
;; TYPE: PRT  
;; ORGANISM: Mus Balb/c  
US-10-186-559-3  
  
Query Match 100.0%; Score 107; DB 14; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.2e-91;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSPFCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60  
  
QY 61 RFGSGSGTDTLTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGTDTLTLSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

Search completed: March 15, 2004, 13:24:13  
Job time : 28.4071 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: March 15, 2004, 13:10:36 ; Search time 15.1504 Seconds  
(without alignments)  
364.608 Million cell updates/sec

Title: US-09-756-301B-3

Perfect score: 107  
Sequence: 1 DILLTOSPAILSVSPGRVS.....CQQSHWPFRTGSGTNLEVK 107

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 389414 seqs, 51625971 residues

Word size : 0

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 45 summaries

Database : Issued Patents AA.\*

- 1: /cgn2\_6/ptodata/2/iaa/5A\_COMB.pep.\*
- 2: /cgn2\_6/ptodata/2/iaa/5B\_COMB.pep.\*
- 3: /cgn2\_6/ptodata/2/iaa/6A\_COMB.pep.\*
- 4: /cgn2\_6/ptodata/2/iaa/6B\_COMB.pep.\*
- 5: /cgn2\_6/ptodata/2/iaa/PTCUS\_COMB.pep.\*
- 6: /cgn2\_6/ptodata/2/iaa/backfiles1.pep.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	107	100.0	107	1	US-08-192-102-3
2	107	100.0	107	1	Sequence 3, Appli
3	107	100.0	107	2	US-08-324-799-3
4	107	100.0	107	3	Sequence 3, Appli
5	107	100.0	107	3	US-08-192-861A-3
6	27	25.2	107	3	Sequence 3, Appli
7	27	25.2	107	2	US-08-133-119-3
8	27	25.2	107	2	US-08-192-093A-3
9	27	25.2	107	2	Sequence 40, Appli
10	27	25.2	107	3	US-08-476-176B-4
11	27	25.2	107	3	Sequence 4, Appli
12	27	25.2	107	3	US-08-127-721A-4
13	27	25.2	107	3	Sequence 4, Appli
14	27	25.2	107	3	US-08-485-246A-4
15	27	25.2	107	3	Sequence 4, Appli
16	27	25.2	143	2	US-08-653-402B-8
17	27	25.2	240	2	Sequence 8, Appli
18	27	25.2	240	2	US-07-956-399-2
19	27	25.2	244	4	Sequence 2, Appli
20	27	25.2	244	4	US-03-244-369B-1
21	24	22.4	106	2	Sequence 1, Appli
22	24	22.4	106	2	US-08-800-198-4
23	24	22.4	106	2	Sequence 4, Appli
24	24	22.4	239	2	US-03-296-595-4
25	24	22.4	240	2	US-07-956-399-4
26	24	22.4	240	2	Sequence 4, Appli
27	24	22.4	240	2	Sequence 8, Appli
28	24	22.4	240	3	US-03-296-595-8
29	24	22.4	22	1	US-08-221-580-6
30	22	20.6	22	5	Sequence 6, Appli
31	22	20.6	22	5	PCT-US95-04018-68
32	21	19.6	100	1	US-08-436-463-19
33	21	19.6	106	1	Sequence 19, Appli
34	21	19.6	107	1	US-08-326-362-4
35	21	19.6	107	1	US-08-436-463-20
36	21	19.6	107	1	Sequence 20, Appli
37	21	19.6	107	1	US-08-107-669D-1
38	21	19.6	107	1	Sequence 1, Appli
39	21	19.6	107	2	US-08-472-788A-1
40	21	19.6	107	2	US-08-477-531B-1
41	21	19.6	107	2	Sequence 1, Appli
42	21	19.6	107	2	US-08-082-842A-1
43	21	19.6	109	1	US-07-942-245-4
44	21	19.6	109	1	Sequence 4, Appli

28	21	19.6	127	1	US-08-436-463-4	Sequence 4, Appli
29	21	19.6	127	1	US-08-436-463-18	Sequence 18, Appli
30	20	18.7	20	1	US-08-221-580-8	Sequence 8, Appli
31	20	18.7	20	5	PCT-US95-04018-70	Sequence 70, Appli
32	19	17.8	107	1	US-07-634-278-62	Sequence 62, Appli
33	19	17.8	107	1	US-08-477-728-62	Sequence 62, Appli
34	19	17.8	107	1	US-08-474-040-62	Sequence 62, Appli
35	19	17.8	107	1	US-08-487-200-62	Sequence 62, Appli
36	19	17.8	107	3	US-08-484-537-62	Sequence 83, Appli
37	19	17.8	107	3	US-07-634-278-83	Sequence 83, Appli
38	19	17.8	127	1	US-08-477-728-83	Sequence 83, Appli
39	19	17.8	127	1	US-08-474-040-83	Sequence 83, Appli
40	19	17.8	127	1	US-08-487-200-83	Sequence 83, Appli
41	19	17.8	127	3	US-08-484-537-83	Sequence 83, Appli
42	18	16.8	108	2	US-08-378-939-16	Sequence 16, Appli
43	18	16.8	108	2	US-08-378-939-20	Sequence 20, Appli
44	18	16.8	108	3	US-08-974-899-1	Sequence 1, Appli
45	18	16.8	125	2	US-08-039-198B-12	Sequence 12, Appli

ALIGNMENTS

RESULT 1  
US-08-192-102-3  
; Sequence 3, Application US/08192102  
; Patent No. 5656272  
; GENERAL INFORMATION:  
; APPLICANT: Ie, Jumming  
; APPLICANT: Vilcek, Jan  
; APPLICANT: Daddona, Peter E.  
; APPLICANT: Ghayeb, John  
; APPLICANT: Knight, David M.  
; APPLICANT: Siegel, Scott A.  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING  
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES  
; NUMBER OF SEQUENCES: 19  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.  
; STREET: Two Militia Drive  
; CITY: Lexington  
; STATE: Massachusetts  
; COUNTRY: USA  
; ZIP: 02173  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patent in Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192.102  
; FILING DATE: 04-FEB-1994  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US/08/192.093  
; FILING DATE: 04-FEB-1994  
; APPLICATION NUMBER: US 08/013.413  
; FILING DATE: 02-FEB-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 08/010.406  
; FILING DATE: 29-JAN-1993  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/943.852  
; FILING DATE: 11-SEP-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/853.606  
; FILING DATE: 18-MAR-1992  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/670.827  
; FILING DATE: 18-MAR-1991  
; ATTORNEY/AGENT INFORMATION:  
; NAME: Brook, David E.  
; REGISTRATION NUMBER: 22,592

```
/ REFERENCE/DOCKET NUMBER: NYU93-01M3
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/
US-08-192-102-3
Query Match 100.0%; Score 107; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 4.7e-95;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSGERVFSFCRASQFVGSSTHWYQORTNGSPRLIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSGERVFSFCRASQFVGSSTHWYQORTNGSPRLIKYASEMSGIPS 60

Qy 61 RFSGSGSGTDFTLSTNTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDFTLSTNTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 2
US-08-324-799-3
/ Sequence 3, Application US/08324799
/ Patent No. 5698195
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
/ TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/324,799
/ FILING DATE: 18-OCT-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,093
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,102
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/192,861
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:

/ REFERENCE/DOCKET NUMBER: NYU93-01M4
/ TELECOMMUNICATION INFORMATION:
/ TELEPHONE: (617) 861-6240
/ TELEFAX: (617) 861-9540
/ INFORMATION FOR SEQ ID NO: 3:
/ SEQUENCE CHARACTERISTICS:
/ LENGTH: 107 amino acids
/ TYPE: amino acid
/ TOPOLOGY: linear
/ MOLECULE TYPE: protein
/
US-08-324-799-3
Query Match 100.0%; Score 107; DB 1; Length 107;
Best Local Similarity 100.0%; Pred. No. 4.7e-95;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSGERVFSFCRASQFVGSSTHWYQORTNGSPRLIKYASEMSGIPS 60
Db 1 DILLTQSPAILSVSGERVFSFCRASQFVGSSTHWYQORTNGSPRLIKYASEMSGIPS 60

Qy 61 RFSGSGSGTDFTLSTNTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFSGSGSGTDFTLSTNTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 3
US-08-192-861A-3
/ Sequence 3, Application US/08192861A
/ Patent No. 5919452
/ GENERAL INFORMATION:
/ APPLICANT: Le, Junming
/ APPLICANT: Vilcek, Jan
/ APPLICANT: Daddona, Peter E.
/ APPLICANT: Ghayeb, John
/ APPLICANT: Knight, David M.
/ APPLICANT: Siegel, Scott A.
/ TITLE OF INVENTION: METHODS OF TREATING TNF-MEDIATED DISEASE USING
/ TITLE OF INVENTION: CHIMERIC ANTI-TNF ANTIBODIES (As Amended)
/ NUMBER OF SEQUENCES: 19
/ CORRESPONDENCE ADDRESS:
/ ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
/ STREET: Two Militia Drive
/ CITY: Lexington
/ STATE: Massachusetts
/ COUNTRY: USA
/ ZIP: 02173
/ COMPUTER READABLE FORM:
/ MEDIUM TYPE: Floppy disk
/ COMPUTER: IBM PC compatible
/ OPERATING SYSTEM: PC-DOS/MS-DOS
/ SOFTWARE: Patent in Release #1.0, Version #1.25
/ CURRENT APPLICATION DATA:
/ APPLICATION NUMBER: US/08/192,861A
/ FILING DATE: 04-FEB-1994
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/013,413
/ FILING DATE: 02-FEB-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 08/010,406
/ FILING DATE: 29-JAN-1993
/ PRIOR APPLICATION DATA:
/ APPLICATION NUMBER: US 07/943,852
/ FILING DATE: 11-SEP-1992
/ PRIOR APPLICATION DATA:
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; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M2
; TELEPHONE: (781) 861-6240
; TELEFAX: (781) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-08-192-861A-3

Query Match 100.0%; Score 107; DB 2; Length 107;
Best Local Similarity 100.0%; Pred. No. 4.7e-95;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPSCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPSCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 4
US-09-133-119-3
; Sequence 3, Application US/09133119
; Patent No. 6277969
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND PEPTIDES
; TITLE OF INVENTION: OF HUMAN TUMOR NECROSIS FACTOR
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09133,119
; FILING DATE:
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/570,674
; FILING DATE: 11-DEC-1995
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/324,799
; FILING DATE: 18-OCT-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,093
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,102
; FILING DATE: 04-FEB-1994
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; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 08/192,861
; FILING DATE: 04-FEB-1994
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/013,413
; FILING DATE: 02-FEB-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 08/010,406
; FILING DATE: 29-JAN-1993
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/943,852
; FILING DATE: 11-SEP-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/853,606
; FILING DATE: 18-MAR-1992
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US 07/670,827
; FILING DATE: 18-MAR-1991
; ATTORNEY/AGENT INFORMATION:
; NAME: Brook, David E.
; REGISTRATION NUMBER: 22,592
; REFERENCE/DOCKET NUMBER: NYU93-01M4A
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (617) 861-6240
; TELEFAX: (617) 861-9540
; INFORMATION FOR SEQ ID NO: 3:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 107 amino acids
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; US-09-133-119-3

Query Match 100.0%; Score 107; DB 3; Length 107;
Best Local Similarity 100.0%; Pred. No. 4.7e-95;
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSPSCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60
Db 1 DILLTQSPAILSVSPGERVSPSCRASQFVGSSIHVYQQTNGSPRLLIKVASMSGIPS 60

Qy 61 RFGSGSGTDTLTSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107
Db 61 RFGSGSGTDTLTSINTVESEDIADYCCQSHSWPFTFGSGTNLEVK 107

RESULT 5
US-08-192-093A-3
; Sequence 3, Application US/08192093A
; Patent No. 6284471
; GENERAL INFORMATION:
; APPLICANT: Le, Junming
; APPLICANT: Vilcek, Jan
; APPLICANT: Daddona, Peter E.
; APPLICANT: Ghayeb, John
; APPLICANT: Knight, David M.
; APPLICANT: Siegel, Scott A.
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES AND ASSAYS EMPLOYING
; TITLE OF INVENTION: ANTI-TNF ANTIBODIES
; NUMBER OF SEQUENCES: 19
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Hamilton, Brook, Smith & Reynolds, P.C.
; STREET: Two Militia Drive
; CITY: Lexington
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02173
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
; OPERATING SYSTEM: PC-DOS/MS-DOS
; SOFTWARE: PatentIn Release #1.0, Version #1.25
; CURRENT APPLICATION DATA:
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APPLICATION NUMBER: US/08/192,093A  
FILING DATE: 04-FEB-1994  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/013,413  
FILING DATE: 02-FEB-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 08/010,406  
FILING DATE: 29-JAN-1993  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/943,852  
FILING DATE: 11-SEP-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/853,606  
FILING DATE: 18-MAR-1992  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: US 07/670,827  
FILING DATE: 18-MAR-1991  
ATTORNEY/AGENT INFORMATION:  
NAME: Brook, David E.  
REGISTRATION NUMBER: 22,592  
REFERENCE/DOCKET NUMBER: NYU93-01M3  
TELEPHONE: (617) 861-6240  
TELEFAX: (617) 861-9540  
INFORMATION FOR SEQ ID NO: 3:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-192-093A-3

Query Match 100.0%; Score 107; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 4.7e-95;  
Matches 107; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRAQFVGSSIHVYQORTNGSPRLIKVASEMSGIPS 60  
Db 1 DILLTQSPAILSVSPGERVSFSCRAQFVGSSIHVYQORTNGSPRLIKVASEMSGIPS 60

Qy 61 RFGSGSGGDTFLSINTVSEDIADYVCOQSHWPFTFGSGTNLEVK 107  
Db 61 RFGSGSGGDTFLSINTVSEDIADYVCOQSHWPFTFGSGTNLEVK 107

RESULT 6  
US-08-232-081B-40  
Sequence 40, Application US/08232081B  
Patent No. 5886152  
GENERAL INFORMATION:  
APPLICANT: NAKATANI, TOMOYUKI  
APPLICANT: GOMI, HIDEYUKI  
APPLICANT: WIJDENES, JOHN  
APPLICANT: NOGUCHI, HIROSHI  
TITLE OF INVENTION: HUMANIZED B-B10  
NUMBER OF SEQUENCES: 42  
CORRESPONDENCE ADDRESS:  
ADDRESSES: BIRCH, STEWART, KOLASCH AND BIRCH  
STREET: PO BOX 747  
CITY: FALLS CHURCH  
STATE: VA  
COUNTRY: USA  
ZIP: 22040-0747  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/232,081B  
FILING DATE:  
CLASSIFICATION: 424  
ATTORNEY/AGENT INFORMATION:

NAME: SVENSSON, LEONARD R  
REGISTRATION NUMBER: 30,330  
REFERENCE/DOCKET NUMBER: 20-3484  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 205-8000  
TELEFAX: (703) 205-8050  
INFORMATION FOR SEQ ID NO: 40:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-232-081B-40

Query Match 25.2%; Score 27; DB 2; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.5e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 DILLTQSPAILSVSPGERVSFSCRAQ 27  
Db 1 DILLTQSPAILSVSPGERVSFSCRAQ 27

RESULT 7  
US-08-476-176B-4  
Sequence 4, Application US/08476176B  
Patent No. 5958708  
GENERAL INFORMATION:  
APPLICANT: Hardman, No. 5958708man  
APPLICANT: Kolbinger, Frank  
APPLICANT: Saldanha, Jose  
TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
TITLE OF INVENTION: immunoglobulin isotype  
NUMBER OF SEQUENCES: 55  
CORRESPONDENCE ADDRESS:  
ADDRESSES: No. 5958708artis Patent Department  
STREET: 59 Route 10  
CITY: East Hanover  
STATE: New Jersey  
COUNTRY: USA  
ZIP: 07936-1080  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
APPLICATION NUMBER: US/08/476,176B  
FILING DATE:  
CLASSIFICATION: 435  
PRIOR APPLICATION DATA:  
APPLICATION NUMBER: 08/127,721  
FILING DATE: 27-SEPTEMBER-1993  
APPLICATION NUMBER: US 07/952,802  
FILING DATE: 25-SEPTEMBER-1992  
ATTORNEY/AGENT INFORMATION:  
NAME: NO. 5958708ak, Henry P.  
REGISTRATION NUMBER: 33,200  
REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (908) 277-5110  
TELEFAX: (908) 277-4306  
INFORMATION FOR SEQ ID NO: 4:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 107 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-476-176B-4

Query Match 25.2%; Score 27; DB 2; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.5e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSFSCRSQ 27  
|||  
DB 1 DILLTQSPAILSVSPGERVSFSCRSQ 27

## RESULT 8

US-08-127-721A-4  
; Sequence 4, Application US/08127721A  
; Patent No. 6066718  
; GENERAL INFORMATION:  
; APPLICANT: Hardman, No. 6066718man  
; APPLICANT: Kolbinger, Frank  
; APPLICANT: Saldanha, Jose  
; TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
; TITLE OF INVENTION: Immunoglobulin isotype  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: No. 6066718artis Patent and Trademark Department  
; STREET: 59 Route 10  
; CITY: East Hanover  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07936-1080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/127,721A  
; FILING DATE: 27-SEPTEMBER-1993  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: US 07/952,802  
; FILING DATE: 25-SEPTEMBER-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6066718ak, Henry P.  
; REGISTRATION NUMBER: 33,200  
; REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 277-5110  
; TELEFAX: (908) 277-4306  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-127-721A-4

Query Match 25.2%; Score 27; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.5e-16;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSFSCRSQ 27  
|||  
DB 1 DILLTQSPAILSVSPGERVSFSCRSQ 27

## RESULT 9

US-08-485-246A-4  
; Sequence 4, Application US/08485246A  
; Patent No. 6072035  
; GENERAL INFORMATION:  
; APPLICANT: Hardman, No. 6072035man  
; APPLICANT: Kolbinger, Frank  
; APPLICANT: Saldanha, Jose  
; TITLE OF INVENTION: Reshaped monoclonal antibodies against an  
; TITLE OF INVENTION: Immunoglobulin isotype  
; NUMBER OF SEQUENCES: 55  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: No. 6072035artis Patent and Trademark

; STREET: 59 Route 10  
; CITY: East Hanover  
; STATE: New Jersey  
; COUNTRY: USA  
; ZIP: 07936-1080  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.25  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/485,246A  
; FILING DATE:  
; CLASSIFICATION: 424  
; PRIOR APPLICATION DATA:  
; APPLICATION NUMBER: 08/127,721  
; FILING DATE: 27-SEPTEMBER-1993  
; APPLICATION NUMBER: US 07/952,802  
; FILING DATE: 25-SEPTEMBER-1992  
; ATTORNEY/AGENT INFORMATION:  
; NAME: No. 6072035ak, Henry P.  
; REGISTRATION NUMBER: 33,200  
; REFERENCE/DOCKET NUMBER: 4-19276/A/P2/CIP  
; TELECOMMUNICATION INFORMATION:  
; TELEPHONE: (908) 277-5110  
; TELEFAX: (908) 277-4306  
; INFORMATION FOR SEQ ID NO: 4:  
; SEQUENCE CHARACTERISTICS:  
; LENGTH: 107 amino acids  
; TYPE: amino acid  
; TOPOLOGY: linear  
; MOLECULE TYPE: protein  
US-08-485-246A-4

Query Match 25.2%; Score 27; DB 3; Length 107;  
Best Local Similarity 100.0%; Pred. No. 1.5e-16;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSFSCRSQ 27  
|||  
DB 1 DILLTQSPAILSVSPGERVSFSCRSQ 27

## RESULT 10

US-08-653-402B-8  
; Sequence 8, Application US/08653402B  
; Patent No. 5969107  
; GENERAL INFORMATION:  
; APPLICANT: CARCELLER, Ana  
; APPLICANT: ROSELL, Elisabeth  
; APPLICANT: GOMEZ, Alicia  
; APPLICANT: ADEN, Jaume  
; TITLE OF INVENTION: Anti-idiotypic antibodies which induce an  
; TITLE OF INVENTION: Immune response against epidermal growth factor receptor.  
; NUMBER OF SEQUENCES: 13  
; CORRESPONDENCE ADDRESS:  
; ADDRESSEE: Millen, White, Zelano & Branigan, P.C.  
; STREET: 2200 Clarendon Boulevard, Suite 1400  
; CITY: Arlington  
; STATE: Virginia  
; COUNTRY: U.S.A.  
; ZIP: 22201  
; COMPUTER READABLE FORM:  
; MEDIUM TYPE: Floppy disk  
; COMPUTER: IBM PC compatible  
; OPERATING SYSTEM: PC-DOS/MS-DOS  
; SOFTWARE: Patentin Release #1.0, Version #1.30 (EPO)  
; CURRENT APPLICATION DATA:  
; APPLICATION NUMBER: US/08/653,402B  
; FILING DATE: 24-MAY-1996  
; CLASSIFICATION: 435  
; PRIOR APPLICATION DATA:

APPLICATION NUMBER: EP 95107967.2  
FILING DATE: 26-MAY-1995  
ATTORNEY/AGENT INFORMATION:  
NAME: Lebovitz, Richard M.  
REGISTRATION NUMBER: 37,067  
REFERENCE/DOCKET NUMBER: MERCK 1781  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-243-6333  
TELEFAX: 703-243-6410  
INFORMATION FOR SEQ ID NO: 8:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 143 amino acids  
TYPE: amino acid  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-08-653-402B-8

Query Match 25.2%; Score 27; DB 2; Length 143;  
Best Local Similarity 100.0%; Pred. No. 1.9e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFSCRASQ 27  
DB 21 DILLTQSPAILSVSPGERVSPFSCRASQ 47

## RESULT 11

US-07-956-399-2  
Sequence 2, Application US/07956399  
Patent No. 5876717  
GENERAL INFORMATION:  
APPLICANT: SHIMAMURA, TOSHIRO  
APPLICANT: TAKI, SHINSUKE  
APPLICANT: HAMURO, JUNJI  
TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY  
TITLE OF INVENTION: CHAINS OF IL-2 RECEPTORS  
NUMBER OF SEQUENCES: 4  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: OBLON, SPIVAK, MCLELLAND, MAIER & NEUSTADT,  
ADDRESSEE: P.C.  
STREET: 1755 S. Jefferson Davis Highway, Suite 400  
CITY: Arlington  
STATE: Virginia  
COUNTRY: U.S.A.  
ZIP: 22202

COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.25  
CURRENT APPLICATION DATA:  
FILING DATE: 19921005  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: Oblon, No. 5876717man F.  
REGISTRATION NUMBER: 24,618  
REFERENCE/DOCKET NUMBER: 10-586-0  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: (703) 413-3000  
TELEFAX: (703) 413-2220  
TELEX: 248855 OPAT UR  
INFORMATION FOR SEQ ID NO: 2:  
SEQUENCE CHARACTERISTICS:  
LENGTH: 240 amino acids  
TYPE: AMINO ACID  
TOPOLOGY: linear  
MOLECULE TYPE: protein  
US-07-956-399-2

Query Match 25.2%; Score 27; DB 2; Length 240;  
Best Local Similarity 100.0%; Pred. No. 2.9e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFSCRASQ 27  
DB 2 DILLTQSPAILSVSPGERVSPFSCRASQ 28

## RESULT 12

US-09-244-369B-1  
Sequence 1, Application US/09244369B  
Patent No. 6418338  
GENERAL INFORMATION:  
APPLICANT: Barbera-Guillen, Emilio  
TITLE OF INVENTION: Method for detecting and surgically removing lymphoid tissue inv  
TITLE OF INVENTION: tumor progression  
FILE REFERENCE: Phy-01  
CURRENT APPLICATION NUMBER: US/09/244,369B  
CURRENT FILING DATE: 1999-02-04  
PRIOR APPLICATION NUMBER: US 60/073,882  
PRIOR FILING DATE: 1998-02-06  
PRIOR APPLICATION NUMBER: US 60/077,970  
PRIOR FILING DATE: 1998-03-13  
NUMBER OF SEQ ID NOS: 1  
SOFTWARE: Patent in version 3.0  
SEQ ID NO 1  
LENGTH: 244  
TYPE: PRT  
ORGANISM: Mus sp.  
US-09-244-369B-1

Query Match 25.2%; Score 27; DB 4; Length 244;  
Best Local Similarity 100.0%; Pred. No. 3e-18;  
Matches 27; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 DILLTQSPAILSVSPGERVSPFSCRASQ 27  
DB 135 DILLTQSPAILSVSPGERVSPFSCRASQ 161

## RESULT 13

US-08-900-198-4  
Sequence 4, Application US/08800198  
Patent No. 5942602  
GENERAL INFORMATION:  
APPLICANT: WELLS, WINFRIED S.  
APPLICANT: SCHMIDT, MATHIAS  
APPLICANT: VAKALOPOULOU, EVANGELIA  
APPLICANT: SCHNEIDER, DOUGLAS  
TITLE OF INVENTION: GROWTH FACTOR RECEPTOR ANTIBODIES  
NUMBER OF SEQUENCES: 17  
CORRESPONDENCE ADDRESS:  
ADDRESSEE: MILLER, WHITE, ZELANO & BRANIGAN, P.C.  
STREET: 2200 CLARENDON BLVD. SUITE 1400  
CITY: ARLINGTON  
STATE: VA  
COUNTRY: US  
ZIP: 22201  
COMPUTER READABLE FORM:  
MEDIUM TYPE: Floppy disk  
COMPUTER: IBM PC compatible  
OPERATING SYSTEM: PC-DOS/MS-DOS  
SOFTWARE: Patent In Release #1.0, Version #1.30  
CURRENT APPLICATION DATA:  
FILING DATE: 13-FEB-1997  
APPLICATION NUMBER: US/08/800,198  
CLASSIFICATION: 530  
ATTORNEY/AGENT INFORMATION:  
NAME: HAMLET-KING, DIANA  
REGISTRATION NUMBER: 33,302  
REFERENCE/DOCKET NUMBER: SCH 1576  
TELECOMMUNICATION INFORMATION:  
TELEPHONE: 703-243-6333  
TELEFAX: 703-243-6410  
INFORMATION FOR SEQ ID NO: 4:

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; SEQUENCE CHARACTERISTICS:
; LENGTH: 106 amino acids
; TYPE: amino acid
; STRANDEDNESS:
; TOPOLOGY: linear
; MOLECULE TYPE: peptide
; HYPOTHETICAL: NO
; FRAGMENT TYPE: internal
US-08-800-198-4

Query Match          22.4%; Score 24; DB 2; Length 106;
Best Local Similarity 100.0%; Pred. No. 1.1e-15;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LTQSPAILSVSPGERVSPFCRASQ 27
Db 4 LTQSPAILSVSPGERVSPFCRASQ 27

RESULT 14
US-09-296-595-4
; Sequence 4, Application US/09296595A
; Patent No. 6129915
; GENERAL INFORMATION:
; APPLICANT: WELLS, WINFRIED S.
; APPLICANT: SCHMIDT, MATHIAS
; APPLICANT: VARAKOPOULOU, EVANGELIA
; APPLICANT: SCHNEIDER, DOUGLAS
; TITLE OF INVENTION: GROWTH FACTOR RECEPTOR ANTIBODIES
; FILE REFERENCE: SCH-1576 D1
; CURRENT APPLICATION NUMBER: US/09/296,595A
; CURRENT FILING DATE: 1999-04-23
; EARLIER APPLICATION NUMBER: 08/800,198
; EARLIER FILING DATE: 1997-02-13
; NUMBER OF SEQ ID NOS: 18
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 4
; LENGTH: 106
; TYPE: PRT
; ORGANISM: Murine sp.
US-09-296-595-4

Query Match          22.4%; Score 24; DB 3; Length 106;
Best Local Similarity 100.0%; Pred. No. 1.1e-15;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LTQSPAILSVSPGERVSPFCRASQ 27
Db 4 LTQSPAILSVSPGERVSPFCRASQ 27

RESULT 15
US-07-956-399-4
; Sequence 4, Application US/07956399
; Patent No. 5876717
; GENERAL INFORMATION:
; APPLICANT: SHIMAMURA, TOSHIRO
; APPLICANT: TAKI, SHINSUKE
; APPLICANT: HAMURO, JUNJI
; TITLE OF INVENTION: POLYPEPTIDES CAPABLE OF BINDING TO HEAVY
; TITLE OF INVENTION: CHAINS OF IL-2 RECEPTORS
; NUMBER OF SEQUENCES: 4
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: OBLON, SPIVAK, MCCLELLAND, MAIER & NEUSTADT,
; ADDRESSEE: P.C.
; STREET: 1755 S. Jefferson Davis Highway, Suite 400
; CITY: Arlington
; STATE: Virginia
; COUNTRY: U.S.A.
; ZIP: 22202
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Floppy disk
; COMPUTER: IBM PC compatible
;

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/07/956,399
FILING DATE: 19921005
CLASSIFICATION: 530
ATTORNEY/AGENT INFORMATION:
NAME: Oblon, No. 5876717man F.
REGISTRATION NUMBER: 24,618
REFERENCE/DOCKET NUMBER: 10-586-0
TELECOMMUNICATION INFORMATION:
TELEPHONE: (703) 413-3000
TELEFAX: (703) 413-2220
TELEX: 248855 OPAT UR
INFORMATION FOR SEQ ID NO: 4:
SEQUENCE CHARACTERISTICS:
LENGTH: 239 amino acids
TYPE: AMINO ACID
TOPOLOGY: linear
MOLECULE TYPE: protein
US-07-956-399-4

Query Match          22.4%; Score 24; DB 2; Length 239;
Best Local Similarity 100.0%; Pred. No. 2.2e-15;
Matches 24; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 4 LTQSPAILSVSPGERVSPFCRASQ 27
Db 5 LTQSPAILSVSPGERVSPFCRASQ 28

Search completed: March 15, 2004, 13:16:25
Job time : 16.1504 secs
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